

AKASH RANJAN DAS

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CAREER OBJECTIVE

To work in a progressive organization where I can enhance my skills and learning to contribute to the success of the organization.

AREAS OF INTEREST

- System Software Development
- Data Structures and Algorithms
- Object Oriented Programming
- Full Stack Web Development

SKILLS

- Programming Languages: C, C++, JAVA, SQL
- Android Development
- Spring Boot Microservice
- Networking and Security

ACADEMIC DETAILS

YEAR	DEGREE	INSTITUTE	CGPA/Percentage
2018-2022 (Expected)	B.TECH IN COMPUTER SCIENCE AND ENGINEERING	SIDDAGANGA INSTITUTE OF TECHNOLOGY, TUMKUR	7.77
2017	Class XII, ISC	RAJENDRA VIDYALAYA, JAMSHEDPUR	85%
2015	Class X, ICSE	RAJENDRA VIDYALAYA, JAMSHEDPUR	89%

PROJECTS

- **NMEA GPS Parser** (github.com/akashdecoder/GPSApplication)
Hobby Project (C++ and MySQL)
This NMEA Decoder Library is a command line interface to parse GPS strings of NMEA standard and give output as the respective characteristics of a location. MySQL connector C++ is used to connect the source code with the MySQL server and store the Location data into it. The whole project is implemented on Visual Studio C++ and .dll files are being created as the decoder to use it in any source program.
- **Advanced Encryption Standard CLI** (github.com/akashdecoder/AES_Application_CLI)
Part of Research Work (C++ and UNIX)
This application is a command line interface to encrypt and decrypt a raw file using AES methods of security. Unix environment is used to compile and run this CLI and .so files are being generated for future use of AES algorithms in any source codes. Presented to **Dr. N R Sunitha (Professor of Dept of Computer Science and Engineering)** as a part of research literature survey.
- **Dynamics Official Website** (www.dynamicspoc.in)
Group Project (HTML, CSS, JavaScript, Django, Spring Boot and Firebase)
It is the official website of the technical group Dynamics (Project Oriented Community). This website supports

registration for recruitments and other events to be held. Worked as a front-end developer with Django backend framework team and worked as a full stack developer with Spring Boot framework.

Django Framework: github.com/Dynamics-POC/Dynamics-Official-Website

Spring Boot Framework: locally hosted. github.com/akashdecoder/DynamicsWebsiteOfficial

- **Dynamics Official App** (github.com/akashdecoder/DynamicsApp1)
Hobby Project (Android using JAVA)
It is the official android app of the technical group Dynamics (Project Oriented Community). This website supports registration for recruitments and other events to be held. Firebase is used as cloud server to store the data of the app.
- **College Academics Management System** (github.com/akashdecoder/CollegeAcademicsManagementSystem)
Hobby Project (JAVA and MySQL (trying to migrate towards Microsoft SQL Server))
College Academics Management System (CAMS) is a desktop software as a motivation of my college merit system. As the merit system of my college can be used only in browser, my software can be used in desktop with a user interface and remote MySQL server. User can access only the database when it is connected to a same network to which the database is connected
- **Research on Data Leakage in Mobile Devices (Pursuing)**
Hobby Research
Research on detection and prevention of data leakage in mobile devices under the guidance of **Dr. N R Sunitha (Professor of Dept of Computer Science and Engineering)**.

COURSES AND CERTIFICATIONS

- JAVA Programming (Udemy and HackerRank)
- C Programming (HackerRank)
- C++ Programming (HackerRank)
- Machine Learning (Udemy)
- Computer Networks (Coursera instructed by Google)

EXTRA CURRICULAR ACTIVITIES

- Founder of Technical Group 'Dynamics (Project Oriented Community)' under the supervision of Dr. N R Sunitha.
- Led Paper Presentation on Artificial Neural Networks at ROBOCOR'20 organized by Club of Robotics SIT (CORSIT).
- Participated in UI/UX workshop and Reverse Coding at PHASE SHIFT 2019 by BMSCE, Bengaluru.
- Organized HACK-O-VID (A 12 hrs hackathon organized by Team DeCoders).
 - Role: GitHub Repository Management and HelpDesk&Queries

REFERENCE

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